

IN THE CLAIMS:

Please amend Claims 1 to 7, 9 to 19, 24, 25, 26 and 28 to 44, and add new Claim 46 as shown below. The claims, as pending in the subject application, read as follows:

1. (Currently Amended) A receiving apparatus comprising:

receiving means for receiving a broadcasting signal in which information signals having program information for each of a plurality of programs are multiplexed;

information output means for outputting to a user, program information for each program ~~of an information signal received by said receiving means;~~

selecting means for selecting by the user, a ~~an arbitrary~~ program corresponding to first program information ~~by a user~~ from the plurality of programs; ~~and~~

input means for inputting by the user, second program information regarding the selected program;

integrating means for integrating the first and second program information;

and

transmitting means for transmitting the integrated program information as recommendation guide information ~~of a program selected by said selecting means~~ to an external apparatus, which is accessible by another user.

2. (Currently Amended) A receiving apparatus according to claim 1, wherein the broadcasting signal is further multiplexed with program attribute data of the plurality of programs, and said integrating means includes means for integrating

~~transmitting means includes program information generating means for generating the program information by using the program attribute data of [[a]] the selected program with the first and second program information selected by said selecting means.~~

3. (Currently Amended) A receiving apparatus according to claim 2, further comprising program table generating means for generating a program table by using the program attribute data, and said selecting means includes means for selecting by the user, a ~~selects an arbitrary~~ program from a plurality of programs contained in the program list.

4. (Currently Amended) A receiving apparatus according to claim 1, wherein the second program information includes further comprising information ~~inputting means for inputting arbitrary comment information of a program selected by said selecting means, and said transmitting means includes program information generating means for generating the program information by using the comment information.~~

5. (Currently Amended) A receiving apparatus according to claim 1, wherein said selecting means searches the plurality of programs in accordance with a ~~predetermined~~ retrieval condition and selects a program in accordance with a search result.

6. (Currently Amended) A receiving apparatus comprising:
receiving means for receiving a broadcasting signal in which video signals and program information signals of a plurality of programs are multiplexed;

video signal processing means for processing the video signal of a program ~~selected from the plurality of programs~~ and outputting the processed video signal to a display device;

program information extracting means for extracting program information from the program information signals ~~broadcasting signal~~ received by said receiving means;

program table generating means for generating a program table in accordance with the program information extracted by said program information extracting means and outputting data representative of the program table to the display device;

selecting means for selecting by a user, a ~~an arbitrary recommended~~ program ~~by a user~~ from programs described in the program table;

input means for inputting by the user, recommendation information regarding the selected program;

file generating means for generating an output file ~~of the recommended program selected by said selecting means~~ by using the program information of the ~~recommended~~ selected program ~~among the program information extracted by said program information extracting means~~ together with the recommendation information input by the input means; and

transmitting means for transmitting the output file as recommendation guide information ~~of the recommended program generated by said file generating means~~ to an external apparatus, which is accessible by another user.

7. (Currently Amended) A receiving apparatus according to claim 6, wherein the output file ~~of the recommended program~~ includes a plurality of information items, and said file generating means generates an identification tag of each of the plurality of information items.

8. (Original) A receiving apparatus according to claim 7, wherein the information item includes information representative of a recommendation index of each program.

9. (Currently Amended) A receiving apparatus according to claim 7, wherein the information item includes information representative of the user ~~a person who makes up the output file of the recommended program~~.

10. (Currently Amended) A receiving apparatus according to claim 6, wherein said transmitting means transmits the output file ~~of the recommended program~~ to a network connected to said receiving means.

11. (Currently Amended) A receiving apparatus comprising:
receiving means for receiving a broadcasting signal in which video signals and program information signals of a plurality of programs are multiplexed;
video signal processing means for processing the video signal of a program ~~selected from the plurality of programs~~ and outputting the processed video signal to a display device;

program information extracting means for extracting program information from the ~~broadcasting signal~~ program information signals received by said receiving means;

program table generating means for generating a program table in accordance with the program information extracted by said program information extracting means and outputting data representative of the program table to the display device;

input means for inputting by a user, a retrieval condition;

selecting means for searching the plurality of programs in accordance with a ~~predetermined~~ the retrieval condition and selecting by the user, a recommended program from programs described in ~~by a user in accordance with~~ a search result;

file generating means for generating an output file based on the retrieval condition ~~of the recommended program selected by said selecting means by using the~~ program information of the recommended program among the program information extracted by said program information extracting means; and

transmitting means for transmitting the output file as recommendation guide information ~~of the recommended program generated by said file generating means~~ to an external apparatus, which is accessible by another user.

12. (Currently Amended) A receiving apparatus comprising:

receiving means for receiving a television broadcasting signal in which video signals of a plurality of broadcasting programs and program guide information of the plurality of broadcasting programs are multiplexed;

extraction means for extracting the program guide information from the television broadcasting signal received by said receiving means;

input means for inputting ~~selection~~ recommendation guide information of a program selected by another user ~~from the plurality of broadcasting programs~~, from an external apparatus, which is accessible by the another user; and

program table generating means for generating a first program table indicating the plurality of broadcasting programs, on the basis of the program guide information extracted by said extraction ~~means and~~ means, and for generating a second program table indicating the selected program, in accordance with the ~~selection~~ recommendation guide information input by said input means.

13. (Currently Amended) A receiving apparatus according to claim 12, further comprising control means for judging whether said receiving means can receive the selected program ~~corresponding to the selection guide information~~ and for controlling said program table generating means in accordance with a judgement result so as to change contents of the second program table.

14. (Currently Amended) A receiving apparatus according to claim 13, wherein the ~~selection~~ recommendation guide information includes time information representative of a broadcasting time of the selected program, and said control means controls said program table generating means to ~~inhibit a~~ prevent the selected program ~~whose broadcasting time judged is incompatible~~, from being displayed in the second

program table if the receiving means cannot receive the selected program because the broadcasting time of the selected program is judged to be incompatible.

15. (Currently Amended) A receiving apparatus according to claim 12, wherein the ~~selection~~ recommendation guide information includes service information indicating a type of broadcasting service of the selected program, and said control means controls said program table generating means to ~~inhibit a~~ prevent the selected program of ~~broadcasting service whose type is different from that receivable by said receiving apparatus;~~ from being displayed in the second program table if the type of broadcasting service of the selected program is different from that receivable by said receiving means.

16. (Currently Amended) A receiving apparatus according to claim 13, wherein the ~~selection~~ recommendation guide information includes pay-per-view information indicating whether the selected program is a pay-per-view program, and said control means performs a judgement process in accordance with the pay-per-view information.

17. (Currently Amended) A receiving apparatus according to claim 13, wherein the ~~selection~~ recommendation guide information includes audio-visual restriction information including audio-visual restriction of the selected program, and said control means performs a judgement process in accordance with the audio-visual restriction information.

18. (Currently Amended) A receiving apparatus according to claim 13, further comprising recording means for recording the video signal of a ~~the~~ broadcasting program received by said receiving means, and said control means judges whether the broadcasting program recorded by said recording means includes ~~contains~~ the selected program ~~corresponding to the selection guide information~~, and controls said program table generating means to change contents of the second program table on the basis of ~~the~~ the judgment result.

19. (Currently Amended) A receiving apparatus according to claim 12, wherein said input means inputs a plurality of ~~selection~~ selection recommendation guide information, and said program table generating means generates the second program table on the basis of ~~selection~~ selection recommendation guide information selected from among the plurality of ~~selection~~ selection recommendation guide information.

20. (Original) A receiving apparatus according to claim 12, wherein said program table generating means generates a two-dimensional program table having a broadcasting time as one axis and a channel as the other axis.

21. (Previously Presented) A receiving apparatus according to claim 12, wherein said program table generating means displays information of the selected program in a corresponding area of the second program table and inhibits information of other programs from being displayed in other areas.

22. (Cancelled)

23. (Previously Presented) A receiving apparatus according to claim 12, wherein said program table generating means generates the second program table by multiplexing a predetermined frame in an area in the first program table, corresponding to the selected program.

24. (Currently Amended) A receiving apparatus according to claim 12, wherein said program table generating means generates the second program table by multiplexing a predetermined mark in a predetermined area in the first program table, corresponding to the selected program.

25. (Currently Amended) A receiving apparatus according to claim 12, further comprising:

designating means for designating a ~~an arbitrary~~ program from a plurality of programs contained in the second program table; and

signal processing means for processing the ~~information signal of a video~~ signal of the designated [[a]] program ~~designated by said designating means, among the video signals received by said receiving means.~~

26. (Currently Amended) A receiving apparatus comprising:

receiving means for receiving a television broadcasting signal in which video signals of a plurality of broadcasting programs are multiplexed;

output means for outputting the video signal of a [[the]] broadcasting program received by said receiving means to a display device;

retrieving means for retrieving a program from the plurality of broadcasting programs in accordance with a predetermined condition;

input means for inputting recommendation ~~selection~~ guide information of a [[the]] program selected by another user ~~from a plurality of broadcasting programs~~, from an external apparatus, which is accessible by the another user; and

program table generating means for generating a program table in accordance with a retrieval result by said retrieving means and the ~~selection~~ recommendation guide information input by said input means and for outputting data representative of the program table to said display device.

27. (Original) An apparatus according to claim 26, wherein said program table generating means generates a two-dimensional program table having a broadcasting time as one axis and a channel as the other axis.

28. (Currently Amended) A receiving apparatus according to claim 27, wherein said program table generating means generates the program table in which only the program information of the selected program and the program information of the retrieved program ~~selected in accordance with the retrieval result~~ are displayed in ~~corresponding areas of the program table~~ and the program information of other programs is inhibited to be displayed ~~in other areas~~.

29. (Currently Amended) A receiving apparatus according to claim [[20]] 27, wherein said program table generating means generates the program table in which a program ~~an area~~ corresponding to both the selected program and ~~the area of the~~ retrieved program ~~selected in accordance with the retrieval result~~ are ~~is~~ displayed at different brightness.

30. (Currently Amended) A receiving apparatus according to claim 27, wherein said program table generating means generates the program table in which only information of a program coincident with both the retrieved program and the selected program ~~a program which is selected from the selected programs according to the retrieval result~~ is displayed ~~in a corresponding area~~.

31. (Currently Amended) A receiving apparatus according to claim 27, wherein [[in]] the broadcasting signal[[,]] is further multiplexed with program attribute data of the plurality of programs ~~is further multiplexed~~, and said program table generating means generates the program table in which program information generated by using the program attribute data of the selected program ~~among the program attribute data~~ and program information of the selected program are displayed.

32. (Currently Amended) A television signal receiving apparatus, comprising:

receiving means for receiving a television broadcasting signal in which image signals of a plurality of broadcasting programs and program guide information of the plurality of broadcasting programs are multiplexed;

extracting means for extracting the program guide information from the television broadcasting signal received by said receiving means;

input means for inputting recommendation guide information of a retrieval condition for retrieving a program recommended by another user ~~from among the plurality of broadcasting programs~~, from an external apparatus, which is accessible by the another user;

program table generating means for generating a first program table indicating the plurality of broadcasting programs, in accordance with the program guide information extracted by said extracting ~~means and means, and for generating means and~~ generating a second program table indicating the ~~recommended~~ program recommended by the another user, on the basis of the ~~recommendation guide information~~ retrieval condition input by said input means;

output means for outputting the image signals received by said receiving means and data of the first and second program tables generated by said program table generating means to a display device;

designating means for designating ~~an arbitrary~~ a program in the first and second program tables; and

controlling means for controlling said receiving means to receive the program designated by said designating means and controlling said output means to output the image signal of the designated ~~broadcasting~~ program to said display device.

33. (Currently Amended) A receiving method for a receiving apparatus comprising the steps of:

receiving a broadcasting signal in which information signals having program information for each of a plurality of programs are multiplexed;

outputting to a user, program information for each program of an ~~information signal received at said receiving step;~~

selecting by the user, a ~~an arbitrary~~ program corresponding to first program information ~~by a user~~ from the plurality of programs; ~~and~~

inputting by the user, second program information regarding the selected program;

integrating the first and second program information; and

transmitting the integrated program information as recommendation guide information ~~of a program selected at said selecting step~~ to an external apparatus, which is accessible by another user.

34. (Currently Amended) A receiving method for a receiving apparatus comprising the steps of:

receiving a broadcasting signal in which video signals and program information signals of a plurality of programs are multiplexed;

processing the video signal of a program ~~selected from the plurality of~~ ~~programs~~ and outputting the processed video signal to a display device;

extracting program information from the ~~broadcasting signal~~ program information signals received at said receiving step;

generating a program table in accordance with the program information extracted at said program information extracting step and outputting data representative of the program table to the display device;

selecting by a user, a ~~an arbitrary recommended~~ program ~~by a user~~ from programs described in the program table;

inputting by the user, recommendation information regarding the selected program;

generating an output file ~~of the recommended program selected at said selecting step~~ by using the program information of the ~~recommended~~ selected program among the program information extracted at said program information extracting step together with the recommendation information input by the inputting step; and

transmitting the output file as recommendation guide information ~~of the recommended program generated at said file generating step~~ to an external apparatus, which is accessible by another user.

35. (Currently Amended) A receiving method for a receiving apparatus comprising the steps of:

receiving a broadcasting signal in which video signals and program information signals of a plurality of programs are multiplexed;

processing the video signal of a program ~~selected from the plurality of programs~~ and outputting the processing video signal to a display device;

extracting program information from the ~~broadcasting signal~~ program information signals received at said receiving step;

generating a program table in accordance with the program information extracted at said program information extracting step and outputting data representative of the program table to the display device;

inputting by a user, a retrieval condition;

searching the plurality of programs in accordance with ~~a predetermined~~ the retrieval condition and selecting by the user, a recommended program from programs described in by a user in accordance with a search result;

generating an output file based on the retrieval condition of the recommended program selected at said selecting step by using the program information of the recommended program among the program information extracted at said program information extracting step; and

transmitting the output file as recommendation guide information of the recommended program generated at said file generating step to an external apparatus, which is accessible by another user.

36. (Currently Amended) A receiving method for a receiving apparatus comprising the steps of:

receiving a broadcasting signal in which information signals of a plurality of programs are multiplexed;

inputting program information of a recommended program selected by another user ~~from the plurality of programs~~, from an external apparatus, which is accessible by the another user; and

generating a program table in accordance with the program information input at said program information input step and outputting data representative of the program table.

37. (Currently Amended) A receiving method for a receiving apparatus comprising the steps of:

receiving a broadcasting signal in which information signals of plurality of programs are multiplexed;

outputting information of the information signal received at said receiving step;

retrieving a program from the plurality of programs in accordance with a predetermined condition;

inputting ~~program~~ recommendation guide information of ~~[[the]]~~ a program selected by another user ~~from a plurality of programs~~, from an external apparatus, which is accessible by the another user; and

generating a program table in accordance with a retrieval result at said retrieving step and the ~~program~~ recommendation guide information input at said program information input step and for outputting program table data representative of the program table.

38. (Currently Amended) A television signal receiving method for a television signal receiving apparatus, comprising the steps of:

receiving a television broadcasting signal in which digital image signals of a plurality of programs are multiplexed;

inputting program information of a recommended program selected by another user ~~from the plurality of programs~~; from an external apparatus, which is accessible by the another user;

generating a program table in accordance with the program information input at said program information inputting step and displaying the program table on a display device;

designating ~~an arbitrary~~ a program in the program table; and

extracting a digital image signal of the program designated at said designating step from the television broadcasting signal and displaying an image of the extracted program on the display device.

39. (Currently Amended) A recording medium storing a program of receiving method for a receiving apparatus, said receiving method comprising the steps of:

receiving a broadcasting signal in which information signals having program information for each of a plurality of programs are multiplexed;

outputting to a user, program information for each program of an ~~information signal received at said receiving step~~;

selecting by the user, a ~~an arbitrary~~ program corresponding to first program information ~~by a user~~ from the plurality of programs; and

inputting by the user, second program information regarding the selected program;

integrating the first and second program information; and
transmitting the integrated program information as recommendation guide
information ~~of a program selected at said selecting step~~ to an external apparatus, which is
accessible by another user.

40. (Currently Amended) A recording medium storing a program of a
receiving method of a receiving apparatus, said receiving method comprising the steps of:

receiving a broadcasting signal in which video signals and program
information signals of a plurality of programs are multiplexed;

processing the video signal of a program ~~selected from the plurality of~~
~~programs~~ and outputting the processed video signal to a display device;

extracting program information from the program information signals
~~broadcasting signal~~ received at said receiving step;

generating a program table in accordance with the program information
extracted at said program information extracting step and outputting data representative of
the program table to the display device;

selecting by a user, a ~~an arbitrary recommended~~ program ~~by a user~~ from
programs described in the program table;

inputting by the user, recommendation information regarding the selected
program;

generating an output file ~~of the recommended program selected at said~~
~~selecting step~~ by using the program information of the selected recommended program

~~together with the recommendation information input at said input step among the program information extracted at said program information extracting step; and~~

transmitting the output file as recommendation guide information ~~of the recommended program generated at said file generating step~~ to an external apparatus, which is accessible by another user.

41. (Currently Amended) A recording medium storing a program of a receiving method for a receiving apparatus, said receiving method comprising the steps of:

receiving a broadcasting signal in which video signals and program information signals of a plurality of programs are multiplexed;

processing the video signal of a program ~~selected from the plurality of programs~~ and outputting the processed video signal to a display device;

extracting program information from the program information signals ~~broadcasting signal~~ received at said receiving step;

inputting by a user, recommendation information regarding a selected program;

generating an output file ~~of the recommended program selected at said selecting step~~ by using the program information of the ~~recommended~~ selected program ~~together with the recommendation information among the program information extracted at said program information extracting step; and~~

transmitting the output file as recommendation guide information ~~of the recommended program generated at said file generating step~~ to an external apparatus, which is accessible by another user.

42. (Currently Amended) A recording medium storing a program of a receiving method for a receiving apparatus, said receiving method comprising the steps of:

receiving a broadcasting signal in which information signals of a plurality of programs are multiplexed;

inputting program information of a recommended program selected by another user ~~from the plurality of programs~~, from an external apparatus, which is accessible by the another user; and

generating a program table in accordance with the program information input at said program information input step and outputting data representative of the program table.

43. (Currently Amended) A recording medium storing a program of a receiving method for a receiving apparatus, said receiving method comprising the steps of:

receiving a broadcasting signal in which information signals of a plurality of programs are multiplexed;

outputting information of the information signal received at said receiving step;

retrieving a program from the plurality of programs in accordance with a predetermined condition;

inputting ~~program~~ recommendation guide information of ~~[[the]]~~ a program selected by another user ~~from a plurality of programs~~, from an external apparatus, which is accessible by the another user; and

generating a program table in accordance with a retrieval result at said retrieving step and the ~~program~~ recommendation guide information input at said program information input step and for outputting program table data representative of the program table.

44. (Currently Amended) A recording medium storing a program of a television signal receiving method for a television signal receiving apparatus, said television signal receiving method comprising the steps of;

receiving a television broadcasting signal in which digital image signals of a plurality of programs are multiplexed;

inputting program information of a recommended program selected by another user ~~from the plurality of programs~~, from an external apparatus, which is accessible by the another user;

generating a program table in accordance with the program information input at said program information inputting step and displaying the program table on a display device;

designating ~~an arbitrary~~ a program in the program table; and

extracting a digital image signal of the program designated at said designating step from the television broadcasting signal and displaying an image of the extracted program on the display device.

45. (Previously Presented) A receiving apparatus according to claim 1, wherein said external apparatus is selected from the group consisting of a WWW server, another receiving apparatus, and an external recording medium.

46. (New) A receiving apparatus according to claim 11, wherein said file generating means generates the output file using the program information of the selected program.